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October 15, 2013

Sean Sheldrake  
Project Coordinator  
U.S. EPA, Region 10  
1200 Sixth Avenue, M/S ECL-111  
Seattle, Washington 98101

Re: September 2013 Monthly Progress Report  
Administrative Settlement Agreement and Order on Consent for Removal Action  
U.S. EPA Region 10 Docket No. CERCLA 10-2009-0255  
Gasco Sediments Site within the Portland Harbor Superfund Site

Project Number: 000029-02.28

Dear Mr. Sheldrake:

This monthly progress report provides information required by Section VIII, Paragraph 26, of the Administrative Settlement Agreement and Order on Consent for Removal Action (Order) for actions taken in September 2013 at the Gasco Sediments Site within the Portland Harbor Superfund Site.

## **1. ACTIONS TAKEN IN THIS MONTH AND PROBLEMS ENCOUNTERED**

The following actions and correspondences occurred in this month:

- **September 10** – Anchor QEA submitted a letter response to EPA's letter dated August 30, 2013 regarding action items 3 and 4 that support continued refinement of the Gasco Sediments Site remedial alternatives.
- **September 11** – NW Natural and Siltronic received EPA's approval of Anchor QEA's letter dated September 10, 2013.
- **September 16** – Anchor QEA submitted the Gasco Sediments Site monthly progress

report to EPA.

## **2. RESULTS OF SAMPLING, TESTS, AND OTHER DATA RECEIVED**

The results of the monthly visual monitoring of the shoreline area in the direct vicinity of the pilot cap are provided as Attachment A.

## **3. SCHEDULE OF ACTIVITIES FOR THE NEXT MONTH**

Anchor QEA anticipates the following activities to occur in the next month:

- Submittal of the October monthly progress report
- Attendance of the substantial product workshop with Anchor QEA and CDM Smith to support forthcoming coring by NW Natural adjacent to the Army Corps of Engineers U.S. Moorings sediments site
- Continued coordination with EPA, CDM Smith and the Army Corps of Engineers to support coring by NW Natural adjacent to the Army Corps of Engineers U.S. Moorings sediments site
- Completion of sediment core collection adjacent to the U.S. Moorings sediments site and subsequent core processing
- Completion of monthly visual monitoring of the shoreline area in the direct vicinity of the pilot cap area

## **4. ANTICIPATED PROBLEMS AND PROPOSED RESOLUTIONS**

No problems or unforeseen conditions were encountered.

Please contact the undersigned if you have any questions or require additional information.

Sincerely,



Ryan Barth, P.E.  
Assistant Project Manager



Carl Stivers, Partner  
Project Manager

**Attachments:**

Attachment A      Monthly Visual Monitoring Report for Pilot Cap Vicinity

Cc:

Bob Wyatt, NW Natural

Patty Dost, Pearl Legal Group PC

Myron Burr, Siltronic Corporation

Alan Gladstone and William Earle, Davis Rothwell Earle and Xochihua

James Peale, Maul Foster Alongi, Inc.

Lance Peterson, CDM Smith

Matt McClincy, DEQ

Dana Bayuk, DEQ



## Visual Observations Log Form

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**Date** September 25, 2013 **Project Number:** 000029-02 BG-28 Task 4a

**Location:** NW Natural "Gasco" Site

**Project Name:** NW Natural – Gasco

**Monitoring Period:** Monthly (Year 7)—September 2013

**Time Observations Started:** September 25, 2013 @ 12:45 **Time Observation Concluded:** September 25, 2013 @ 13:45

**Weather Conditions:** Mostly cloudy, 58° Fahrenheit, winds from the west @0-5 knots.

**Wave Action Observations:** Very light wave action (0.0 – 0.2 feet in height)

**Photographs Taken:** ☒ Yes ☐ No

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**Tidal Conditions:** Willamette River level on 9/25/2013 ranged in elevation from 1.50 to 4.73 feet. The Willamette River level during photos was approximately 2.63 feet measured at 13:15 (River Level Elevation Datum: Morrison Gage Height).

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**Observations of Erosion/Deposition:** No erosion/deposition is evident along the shoreline. Three organoclay mat material segments are exposed and visible. Ten feet of a 20-foot section of organoclay mat is out of the water at the upriver extent of the cap area (perpendicular to the shoreline, Photo 1). A segment measuring 4-foot in length is seven feet from shoreline near the lateral mid-point of the cap area. One 40-foot section of organoclay mat material is exposed and half is out of the water and the other half is submerged beneath 0-1 feet of water near the downriver extent of the cap area.

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**Observations of Long-term Controls (i.e., oil booms, organo-clay mat, etc.)** During the observation, a barge was tied at the pier and the Fuel and Marine Marketing (FAMM) containment boom was placed around the barge during refueling operations. Buoys that identify the cap area to mariners are in place as installed. The position of the FAMM oil boom, warning buoys, and a general overview is shown in Photo 2.

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**Other Comments:**

No sheen is evident in or around the cap area. Photo 3 shows the water surface and shoreline immediately downriver of the sediment cap.

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**Recorded by:**

**Douglas Laffoon**

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Photo 1 — *Visible section of organo-clay mat near the upriver extent of the cap area (9/25/13):*





Photo 2 — *FAMM oil boom around barge and mariner warning buoys across pilot cap area. (9/25/13):*



Photo 3 — *Conditions immediately downriver of cap area (9/25/13):*

